

AMITEK SUPER NOVA

Product Features

With stunning looks and excellent water draining characteristics, Amitek floors are strong and flexible which allows them to be cast in large seamless panels. These are applied on site by approved applicators.

Super Nova floors have certain unique beneficial characteristics as follows:

Immediate Drainage: Floors drain quickly with a flow range between 30 to 70 litres per second per square metre. As a result, if the base drainage is proper, there are never any puddles and always a dry surface is available to walk on.

Bespoke Floorings: Aesthetically pleasing bespoke flooring can be made in patterns and combinations required, ensuring unique floor surface for your projects.

Good Heat Reflectance: The system has good heat reflectance and the trapped air between aggregates ensures good thermal insulation, making it an ideal covering for waterproofed terraces and podiums.

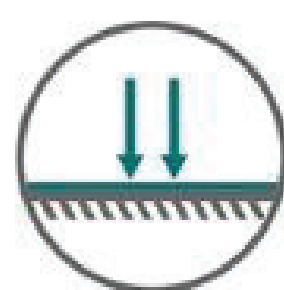
UV Resistant: Super Nova is offered only in the UV resistant variety as a standard, thereby ensuring that there will be no yellowing, ageing or softening of the floor under years of exposure to sunlight.

Quick Laying: The flooring system enables quick laying, and the floor is open to foot traffic in 24 hours after laying. Full cure can happen over 3–4 days.

Good Skid Resistance: The Super Nova system offers good skid resistance and so enhanced comfort during walking.

Low Maintenance: Very low maintenance is required and Super Nova floors can be typically cleaned by water hosing, and if required, gentle scrubbing.

Key Features Includes



Thin Layer Application
Environment friendly



Seamless Application
No joints



Quick Application
Fast completion of project



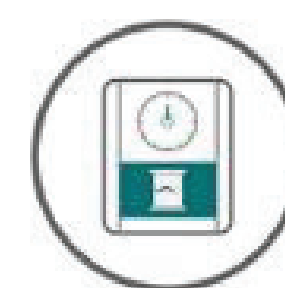
Lower Dimensional Shrinkage
Fewer cracks in concrete



Non VOC Product



High Adhesion to Substrate
Less peeling off | High bonding



Extensively Tested at Factory
Quality assured



Green Product



Low Requirement of Curing
Less supervision required at site



Water Repellence
Moisture ingress & stain protection

Application

Super Nova is suitable for pedestrian usage and light vehicular traffic, and ideal for use on swimming pool decks, garden walkways, terraces etc.

Appearance

Material is supplied in three parts. Super Nova UVR Part A (resin) is liquid and Novasol UVR Part B (hardener) is coloured liquid. Part C is aggregates.

Application Thickness

15 mm for 6 to 8 mm aggregates

Specifications

Flexure Strength	Compressive Strength
>2 N/mm ²	>5 N/mm ²
Max. Aggregate Size	
8–10 mm. Bigger will be more expensive to lay.	
Wet Density	Output/Coverage
~2000 kg/m ³	~2 kg /mm/m ²
Work Time	

Around 20–30 minutes to work each mixture, in summer this can reduce down to 10 minutes. Mix only as much material as will be consumed with the time frame.

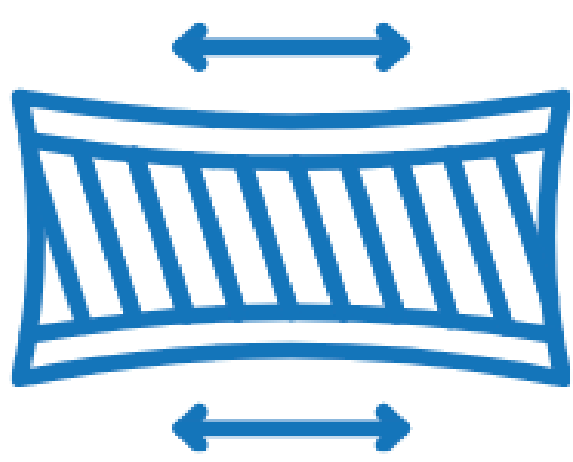
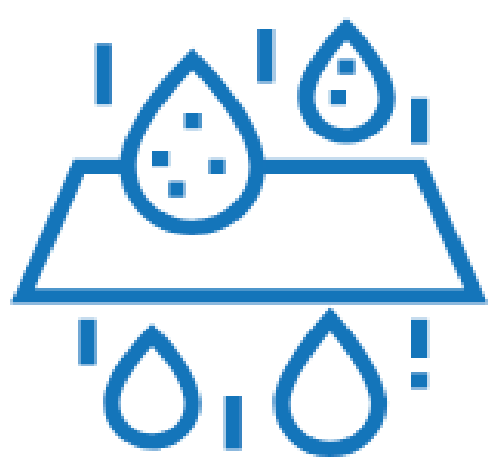
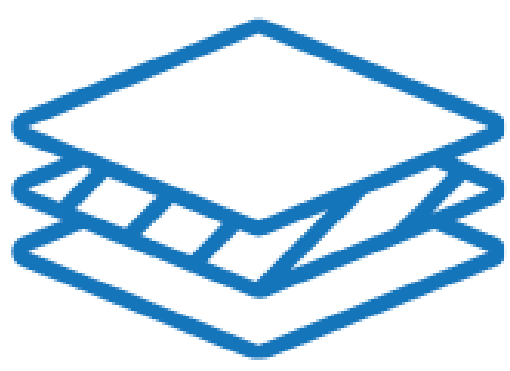
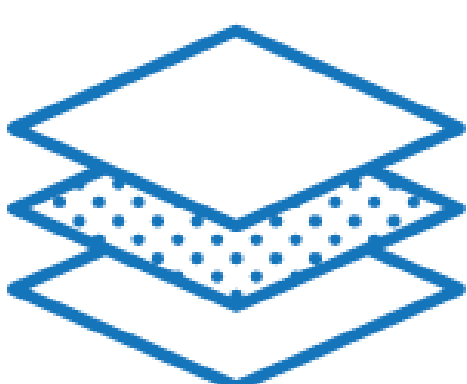
Base Surface Preparation

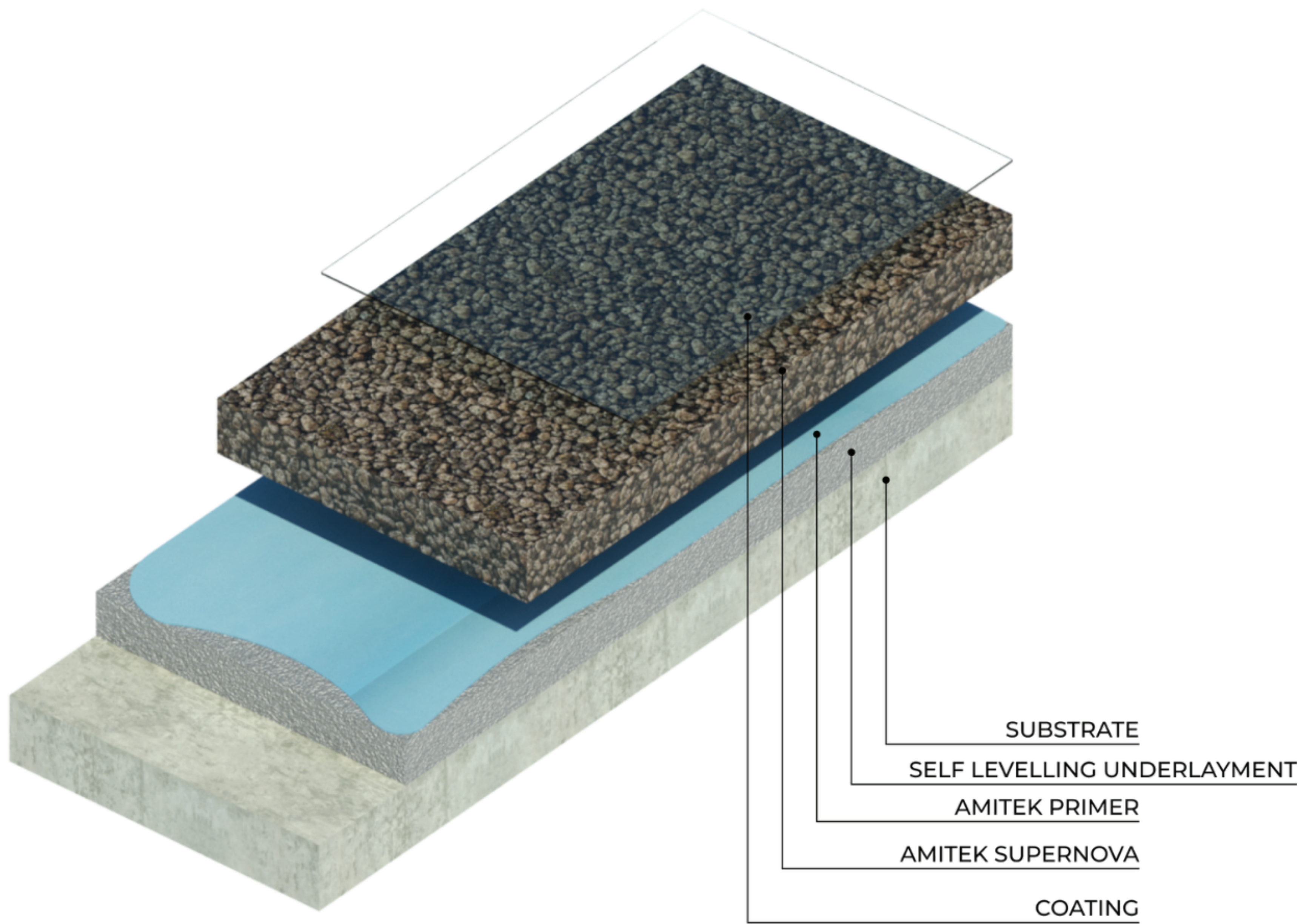
Super Nova floors can be laid on existing stone, tile, asphalt or concrete flooring.

A clean hard and dry subbase is required for the installation of the Super Nova floors. The floors will allow almost all water to pass through. So adequate drainage and water proofing measures as applicable for the floor need to be planned and provided. All cracks are to be widened into a “V” shape with a stone saw. The cracks can be in filled with a resin based crack repair kit. At this stage any recessed manhole, water tap lids and gullies need to be raised to allow for the thickness of your resin mixture. Before the installation starts you will also need to cover the leading edge of any adjacent flooring with duct tape to prevent contamination during the installation.

If installing onto a concrete based product then a suitable Amitek Primer should be rolled over the surface.

Application/Installation Method

<p>1</p> 	<p>Compressive strength of concrete minimum 25MPa. Surface tensile strength should be minimum 1.5MPa Moisture level should be $\leq 5\% \text{ Rh} < 75\%$ Proper drainage system is required before the application of novasol</p>
<p>2</p> 	<p>First apply 2 component primer (Binder + Curing Agent) optional Drying time 12 hours</p>
<p>3</p> 	<p>Then apply 15mm 3 component top coat (Binder + Curing agent+ Aggregates) Mixing ratio 1:1:28.57 Drying time 72 hours</p>
<p>4</p> 	<p>After drying of top coat apply acysil Drying time 12 hours optional</p>



Open to Traffic

After installation, the final surface will be cured within 24 hours to walk on. The end user should wait 3–4 days to put a vehicle on the driveway.

Packing

4 litre nitrogen packed pail for Resin A, 3 litre nitrogen packed pail for Hardener B and 100 kg of aggregates.

Shelf Life

months from date of packing before opening. Use within few hours of opening. Store carefully away from dampness and moisture

DISCLAIMER:

The information above is believed to be accurate & represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use, handling and from contact. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way, AMITEK manufactured by APP Paint Chemicals Private Limited will be liable for any claims, losses, or damages of any third party or for lost any special, indirect, incidental, consequential or exemplary charge, however arising, even APP Paint Chemicals Private Limited has been advised of the possibility of such damages.

MANUFACTURED BY -

APP PAINT CHEMICALS P. LTD.

Call: +91- 9322226360, Email id: sales@appaintchemicals.com, business@appaintchemicals.com, Website: www.appaintchemicals.com